Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION SERIAL NUMBER: 09/805, 694/A
ATTN: NEW RULES CASES:	PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE
lWrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5Variable Length	Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
7Skipped Sequences (OLD RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped
	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
8Skipped Sequences (NEW RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000
9Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
0Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
1Use of <220>	Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

AMC - Biotechnology Systems Branch - 06/04/2001

PAGE: 1

RAW SEQUENCE LISTING PATENT APPLICATION US/09/805,694A

DATE: 08/03/2001 TIME: 17:16:14

Input Set: I805694A.RAW

This Raw Listing contains the General Information Section and up to first 5 pages.

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PAGE: 2 RAW SEQUENCE LISTING DATE: 08/03/2001 PATENT APPLICATION US/09/805,694A TIME: 17:16:14

Input Set: I805694A.RAW

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94

PAGE: 3 RAW SEQUENCE LISTING DATE: 08/03/2001 PATENT APPLICATION US/09/805,694A TIME: 17:16:14

Tomak Cok. TOOFCOAL DAM

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PAGE: 4 RAW SEQUENCE LISTING DATE: 08/03/2001 PATENT APPLICATION US/09/805,694A TIME: 17:16:14

Input Set: I805694A.RAW

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RAW SEQUENCE LISTING PATENT APPLICATION US/09/805,694A

DATE: 08/03/2001 TIME: 17:16:14

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PAGE: . 6

VERIFICATION SUMMARY PATENT APPLICATION US/09/805,694A

DATE: 08/03/2001 TIME: 17:16:14

Input Set: 1805694A.RAW

Line	?	Erro	or/V	larning	j			Original Text						
	-													
214	W	"N"	or	"Xaa"	used:	Feature	required	acacagctng	cacatattac	atacacgtga	atcactaa			
220	W	"N"	or	"Xaa"	used:	Feature	required	tgggcgctgc	atcaatgacc	ctatgtanta	tnntatat			
221	W	"N"	or	"Xaa"	used:	Feature	required	atagatgcat	atactataca	taacggctga	attatatc			

')